

Turnips or ruta bagas need a rich, well-drained, mellow soil. It can hardly be too rich with well-rotted barn-yard manure, and if then some phosphate or bone dust is added it will likely increase the crop. The condition of the soil, as regards moisture at the time of sowing has much to do with success. A large yield will depend very much on having an even stand all over the field. The soil must not be too wet nor dry. In either case there will be many vacant places. If rather dry, work the land with the cultivator, roll and sow immediately—all in the same day—giving no opportunity for drying before the seed is in the ground. If quite dry plow again and roll just before sowing. If sown on level ground always roll before sowing: One to two pounds of seed for an acre. Some prefer to ridge the land. This is done with a shovel or common plow, then put on a roller and the ridges will be flattened so as to allow the drill to be used. It is easier hoeing the first time when ridges are made, and when thus flattened they will not dry out more than level land.

The after cultivation should be frequent and thorough, especially if the weather is dry. They will not bottom much till cool weather, but if we'll worked will by that time be ready for growth. A hand cultivator on a small plat, or in a larger field with the row thirty inches apart, a nice light horse hoe with sharp steel teeth will do the work with a horse attached, a great saving in hand labor.—*Michigan Farmer*

The water supply abroad is so often of a doubtful character that travelers have resorted to the prudent expedient of drinking only some well-known mineral water. Thereupon a large trade has been done in the purchase from rag and bottle merchants of such mineral water bottles as still bore the labels in a fairly good condition. It was then easy to fill them with ordinary and possibly contaminated water, adding salt to give the taste and appearance of the desired mineral spring. By this fraud the consumer was not merely robbed but made to drink the very water he was doing his best to avoid. We are therefore pleased to note that in France at least the Prefect of Police has adopted energetic measures to check this abuse. Orders have been given to visit all depots of mineral waters, to seize haphazard a specimen and analyze it on the spot. The tradesmen will also be called upon to exhibit their invoices to prove whence their stock is derived. Not only are the stores of wholesale agents or dealers to be thus inspected, but the retailers, the cafe, restaurant and public house keepers will be subjected to an equally vigorous supervision, and all vendors of such falsifications will be liable to prosecution.—*London Lancet.*

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